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# Declaration and Power of Attorney

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

\_\_\_\_\_ (title)

**Process for Producing Low-Molecular Olefins, Reactor For Pyrolysis Of Hydrocarbons And Apparatus For Quenching Cracked Gas**

  X   is attached hereto.

\_\_\_\_\_ was filed on

\_\_\_\_\_ as

The specification of which: (check one) Application Serial No.

\_\_\_\_\_ and was amended

\_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents

of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35 United States Code, Section 119 (a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International Application which designated at least one country other than the United States, listed below. I have also identified below any foreign application for patent or inventor's certificate, or PCT International Application having a filing date before that of the earliest application from which priority is claimed:

<b>Prior Foreign Application(s)</b>		<b>Filing Date</b>	<b>Priority Claimed</b>	
<b>Number</b>	<b>Country</b>		<b>Yes</b>	<b>No</b>
98104821	RUSSIA	27.02.1999	-- X --	
PCT/RU99/00038		11.02.1999		

## Declaration and Power of Attorney

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

<b>Provisional Application No.</b>	<b>Filing Date</b>	<b>Status</b>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s), or Section 365(c) of any PCT International Application(s) designating the United States listed below. Insofar as this application discloses and claims subject matter in addition to that disclosed in any such prior Application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which became available between the filing date(s) of such prior Application(s) and the national or PCT international filing date of this application:

<i>Application Serial No.</i>	<i>Filing Date</i>	<i>Status</i>
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And I hereby appoint

John P. White (Reg. No. 28,678); Gerald W. Griffin (Reg. No. 18,886); Norman H. Zivin (Reg. No. 25,385); Ivan S. Kavrukov (Reg. No. 25,161); Christopher C. Dunham (Reg. No. 22,031); Jay H. Maioli (Reg. No. 27,213); William E. Pelton (Reg. No. 25,702); Donald S. Dowden (Reg. No. 20,701); Robert D. Katz (Reg. No. 30,141); Peter J. Phillips (Reg. No. 29,691); Wendy E. Miller (Reg. No. 35,615); Richard S. Milner (Reg. No. 33,970); Albert Wai-Kit Chan (Reg. No. 36,479); Matthew B. Tropper (Reg. No. 37,457); Robert T. Maldonado (Reg. No. 38,232); Mary Anne P. Tanner (Reg. No. 40,197); Gerald M. Wissing (Reg. No. 36,309); George M. MacDonald (Reg. No. 39,284); and Mary Catherine DiNunzio (Reg. No. 37,306)

and each of them, all c/o Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, New York 10036, my attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

**Declaration and Power of Attorney**

Please address all communications, and direct all telephone calls, regarding this application to:

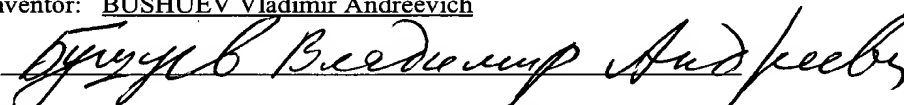
Reg. No. 29,691

Peter J. Phillips  
Cooper & Dunham, LLP  
1185 Avenue Of The Americas  
New York, New York 10036

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole inventor: BUSHUEV Vladimir Andreevich

Inventor's signature



Citizenship Russia

Date of signature 24.08.2000

Residence: Moscow, Russia

Post Office Address: Russian Federation, 109388, Moscow, ul. Kukhmisterova, d.12/23, kv.281

Serial or Patent No.: \_\_\_\_\_ OFGS File No. 6511762935

Filing or Issue Date: \_\_\_\_\_

Applicant or Patentee: BUSHUEV Vladimir Andreevich

For: PROCESS FOR PRODUCING LOW-MOLECULAR OLEFINS, REACTOR FOR PYROLYSIS OF

HYDROCARBONS AND APPARATUS FOR QUENCHING CRACKED GAS

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS**

**37 CFR 1.9(f) and 1.27(b) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under 35 USC §41(a) and (b) to the U.S. Patent and Trademark Office with regard to the invention entitled PROCESS FOR PRODUCING LOW-MOLECULAR OLEFINS, REACTOR FOR PYROLYSIS OF

HYDROCARBONS AND APPARATUS FOR QUENCHING CRACKED GAS described in

☐ U.S. Patent Application filed herewith  
☐ U.S. Patent Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_  
☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed or licensed or am under an obligation under contract or law to assign, grant, convey or license any rights in the invention is listed below:

☒ no such person, concern or organization  
☐ persons, concerns or organizations listed below\*

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. 37 CFR 1.27

FULL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file in this patent application or patent, notification of any change of status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. 37 CFR 1.29(b).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC §1001, and that such willful false statements may jeopardize the validity of the patent application, any patent issuing thereon, or any patent to which this verified statement is directed.

BUSHUEV Vladimir Andreevich

Name of Inventor

Name of Inventor

Name of Inventor

*Vladimir Andreevich Bushuev*  
Signature of Inventor

*Vladimir Andreevich Bushuev*  
Signature of Inventor

Signature of Inventor

24.08.2000

Date

Date

Date